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NEWS	4	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/Caplus
NEWS	5	FEB 05	German (DE) application and patent publication number format changes
NEWS	6	MAR 03	MEDLINE and LMEDLINE reloaded
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 03	FRANCEPAT now available on STN
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NEWS	12	APR 26	PROMT: New display field available
NEWS	13	APR 26	IFIPAT/IFIUDB/IFICDB: New super search and display field available
NEWS	14	APR 26	LITALERT now available on STN
NEWS	15	APR 27	NLDB: New search and display fields available
NEWS	16	May 10	PROUSDDR now available on STN
NEWS	17	May 19	PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS	18	May 12	EXTEND option available in structure searching
NEWS	19	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS	20	May 17	FRFULL now available on STN
NEWS	21	May 27	STN User Update to be held June 7 and June 8 at the SLA 2004 Conference
NEWS	22	May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in Caplus
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=> s sucrose(w)synthase and cotton and fiber and transform?

L1 3 SUCROSE(W) SYNTHASE AND COTTON AND FIBER AND TRANSFORM?

=> d l1 1-3

L1 ANSWER 1 OF 3 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 2003:217938 BIOSIS

DN PREV200300217938

TI Suppression of ***sucrose*** ***synthase*** gene expression
represses ***cotton*** ***fiber*** cell initiation, elongation,
and seed development.

AU Ruan, Yong-Ling [Reprint Author]; Llewellyn, Danny J.; Furbank, Robert T.

CS Plant Industry, Commonwealth Scientific and Industrial Research

Organization, Canberra, ACT, 2601, Australia

yong-ling.ruan@csiro.au

SO Plant Cell, (April 2003) Vol. 15, No. 4, pp. 952-964. print.

CODEN: PLCEEW. ISSN: 1040-4651.

DT Article

LA English

ED Entered STN: 7 May 2003

Last Updated on STN: 30 Jun 2003

L1 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2003:310634 CAPLUS

DN 139:114477

TI Suppression of ***sucrose*** ***synthase*** gene expression
represses ***cotton*** ***fiber*** cell initiation, elongation,
and seed development

AU Ruan, Yong-Ling; Llewellyn, Danny J.; Furbank, Robert T.

CS Commonwealth Scientific and Industrial Research Organization Plant
Industry, Canberra, ACT 2601, Australia

SO Plant Cell (2003), 15(4), 952-964

CODEN: PLCEEW; ISSN: 1040-4651

PB American Society of Plant Biologists

DT Journal

LA English

RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:449422 CAPLUS

DN 137:29033

TI Molecular genetics techniques for altering ***fiber*** development
and/or for enhancing ***fiber*** yield/quality in transgenic
cotton plants, use of sense and antisense cDNA molecules encoding
plant ***sucrose*** ***synthase*** and virus promoter

IN Llewellyn, Danny; Furbank, Robert; Ruan, Yong-Ling

PA Commonwealth Scientific and Industrial Research Organisation, Australia

SO PCT Int. Appl., 62 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002045485	A1	20020613	WO 2001-AU1580	20011207
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
	LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				
	PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA,				
	UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,				
	CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,				
	BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002020363	A5	20020618	AU 2002-20363	20011207
	EP 1349446	A1	20031008	EP 2001-999277	20011207
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	BR 2001015782	A	20040120	BR 2001-15782	20011207
PRAI	AU 2000-1975	A	20001208		
	US 2000-251852P	P	20001208		
	WO 2001-AU1580	W	20011207		

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s sucrose(w)synthase and cotton

L2 55 SUCROSE(W) SYNTHASE AND COTTON

=> duplicate remove l2

DUPLICATE PREFERENCE IS 'AGRICOLA, BIOSIS, EMBASE, CAPLUS'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

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L3 31 DUPLICATE REMOVE L2 (24 DUPLICATES REMOVED)

=> d l3 1-10

L3 ANSWER 1 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 1

AN 2003:217938 BIOSIS

DN PREV200300217938

TI Suppression of ***sucrose*** ***synthase*** gene expression
represses ***cotton*** fiber cell initiation, elongation, and seed
development.

AU Ruan, Yong-Ling [Reprint Author]; Llewellyn, Danny J.; Furbank, Robert T.

CS Plant Industry, Commonwealth Scientific and Industrial Research

Organization, Canberra, ACT, 2601, Australia

yong-ling.ruan@csiro.au

SO Plant Cell, (April 2003) Vol. 15, No. 4, pp. 952-964. print.

CODEN: PLCEEW. ISSN: 1040-4651.

DT Article

LA English

ED Entered STN: 7 May 2003

Last Updated on STN: 30 Jun 2003

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Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2004) on STN DUPLICATE 2

AN 2003:56559 AGRICOLA

DN IND23343653

TI Localization of ***sucrose*** ***synthase*** and callose in
freeze-substituted secondary-wall-stage ***cotton*** fibers.

AU Salnikov, V.V.; Grimson, M.J.; Seagull, R.W.; Haigler, C.H.

SO Protoplasma, June 2003. Vol. 221, No. 3/4. p. 175-184

Publisher: Wien : Springer-Verlag.

CODEN: PROTA5; ISSN: 0033-183X

NTE Includes references

CY Austria

DT Article

LA English

L3 ANSWER 3 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:449422 CAPLUS

DN 137:29033

TI Molecular genetics techniques for altering fiber development and/or for
enhancing fiber yield/quality in transgenic ***cotton*** plants, use
of sense and antisense cDNA molecules encoding plant ***sucrose***
synthase and virus promoter

IN Llewellyn, Danny; Furbank, Robert; Ruan, Yong-Ling

PA Commonwealth Scientific and Industrial Research Organisation, Australia

SO PCT Int. Appl., 62 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 2002045485 A1 20020613 WO 2001-AU1580 20011207
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA,
UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
AU 2002020363 A5 20020618 AU 2002-20363 20011207
EP 1349446 A1 20031008 EP 2001-999277 20011207
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
BR 2001015782 A 20040120 BR 2001-15782 20011207
PRAI AU 2000-1975 A 20001208
US 2000-251852P P 20001208
WO 2001-AU1580 W 20011207

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:1004475 CAPLUS
DN 140:2929
TI Manipulating plant fiber quality by modification of ****sucrose***
****synthase**** gene expression in plant tissue
IN Ruan, Yong-Ling; Furbank, Robert; Llewellyn, Danny
PA Australia
SO U.S. Pat. Appl. Publ., 28 pp., Cont.-in-part of U.S. Provisional Ser. No.
251,852.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002116736	A1	20020822	US 2001-3405	20011206
PRAI	US 2000-251852P	P	20001208		

L3 ANSWER 5 OF 31 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2004) on STN
AN 2003:25194 AGRICOLA
DN IND23319748
TI Cellulose biosynthesis in plants: from genes to rosettes.
AU Doblin, M.S.; Kurek, I.; Jacob-Wilk, D.; Delmer, D.P.
AV DNAL (450 P699)
SO Plant and cell physiology, Dec 2002. Vol. 43, No. 12. p. 1407-1420
Publisher: Kyoto, Japan : Japanese Society of Plant Physiologists.
CODEN: PCPHA5; ISSN: 0032-0781
NTE Includes references
CY Japan
DT Article; (SURVEY OF LITURATURE)
FS Non-U.S. Imprint other than FAO
LA English

L3 ANSWER 6 OF 31 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN DUPLICATE 3

AN 2001:73935 AGRICOLA

DN IND23230208

TI ***Sucrose*** ***synthase*** localizes to cellulose synthesis sites in tracheary elements.

AU Salnikov, V.V.; Grimson, M.J.; Delmer, D.P.; Haigler, C.H.

AV DNAL (450 P5622)

SO Phytochemistry, July 2001. Vol. 57, No. 6. p. 823-833
 Publisher: Oxford : Elsevier Science Ltd.
 CODEN: PYTCAS; ISSN: 0031-9422

NTE In the special issue: Biosynthesis of woody plant biopolymers and related substances, Part I / edited by N.G. Lewis and G.P. Bolwell.
 Paper presented at a Symposium held March 26-29, 2000, San Francisco.
 Includes references

CY England; United Kingdom

DT Article

FS Non-U.S. Imprint other than FAO

LA English

L3 ANSWER 7 OF 31 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN DUPLICATE 4

AN 2002:15250 AGRICOLA

DN IND23255009

TI Formation of callose from sucrose in ***cotton*** fiber microsomal membranes.

AU Konishi, T.; Nakai, T.; Sakai, F.; Hayashi, T.

AV DNAL (SD430.J68)

SO Journal of wood science, 2001. Vol. 47, No. 5. p. 331-335
 Publisher: Bunkyo-ku, Tokyo, Japan : Springer-Verlag Tokyo, [1998-
 ISSN: 1435-0211

NTE Includes references

CY Japan

DT Article

FS Non-U.S. Imprint other than FAO

LA English

L3 ANSWER 8 OF 31 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN DUPLICATE 5

AN 2001:81140 AGRICOLA

DN IND23235212

TI Carbon partitioning to cellulose synthesis.

AU Haigler, C.H.; Ivanova-Datcheva, M.; Hogan, P.S.; Salnikov, V.V.; Hwang, S.; Martin, K.; Delmer, D.P.

AV DNAL (QK710.P62)

SO Plant molecular biology, Sept 2001. Vol. 47, No. 1/2. p. 29-51
 Publisher: Dordrecht : Kluwer Academic Publishers.
 CODEN: PMBIDB; ISSN: 0167-4412

NTE In the special issue: Plant cell walls / edited by N. Carpita, M. Campbell, and M. Tierney.
 Includes references

CY Netherlands
DT Article; Law
FS Non-U.S. Imprint other than FAO
LA English

L3 ANSWER 9 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:485785 CAPLUS
DN 137:166259
TI Regulation of cellulose biosynthesis in developing xylem
AU Haigler, Candace H.; Babb, V. Michelle; Hwang, Sangjoon; Salnikov, Vadim V.
CS Department of Biological Sciences, Texas Tech University, Lubbock, TX, 79409-3131, USA
SO Progress in Biotechnology (2001), 18(Molecular Breeding of Woody Plants), 1-9
CODEN: PBITE3; ISSN: 0921-0423
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 10 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 6
AN 2000:503067 BIOSIS
DN PREV200000503067
TI Pathway and control of sucrose import into initiating ***cotton*** fibre cells.
AU Ruan, Yong-Ling [Reprint author]; Llewellyn, Danny J.; Furbank, Robert T.
CS CSIRO Plant Industry, Canberra, ACT, 2601, Australia
SO Australian Journal of Plant Physiology, (2000) Vol. 27, No. 8-9, pp. 795-800. print.
CODEN: AJPPCH. ISSN: 0310-7841.
DT Article
LA English
ED Entered STN: 22 Nov 2000
Last Updated on STN: 11 Jan 2002

=> d 13 11-20

L3 ANSWER 11 OF 31 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN DUPLICATE 7
AN 1999:66338 AGRICOLA
DN IND22003484
TI A fiberless seed mutation in ***cotton*** is associated with lack of fiber cell initiation in ovule epidermis and alterations in ***sucrose*** ***synthase*** expression and carbon partitioning in developing seeds.
AU Ruan, Y.L.; Chourey, P.S.
CS University of Florida, Gainesville, FL.
AV DNAL (450 P692)
SO Plant physiology, Oct 1998. Vol. 118, No. 2. p. 399-406
Publisher: Rockville, MD : American Society of Plant Physiologists, 1926-
CODEN: PLPHAY; ISSN: 0032-0889

NTE Includes references
 CY Maryland; United States
 DT Article; Conference
 FS U.S. Imprints not USDA, Experiment or Extension
 LA English

L3 ANSWER 12 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1998:339079 BIOSIS
 DN PREV199800339079
 TI Callose biosynthesis from sucrose in ***cotton*** membranes.
 AU Konishi, Teruko [Reprint author]; Nakai, Tomonori [Reprint author]; Mori, Hitoshi; Sakai, Fukumi [Reprint author]; Hayashi, Takahisa [Reprint author]
 CS Wood Res. Inst., Kyoto Univ., Uji 611, Japan
 SO Plant and Cell Physiology, (1998) Vol. 39, No. SUPPL., pp. S78. print.
 Meeting Info.: 1998 Annual Meeting of the Japanese Society of Plant Pathologists. Tokyo, Japan. May 3-5, 1998. Japanese Society of Plant Pathologists.
 CODEN: PCPHA5. ISSN: 0032-0781.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 12 Aug 1998
 Last Updated on STN: 12 Aug 1998

L3 ANSWER 13 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 8
 AN 1999:153576 BIOSIS
 DN PREV199900153576
 TI Changes in levels of mRNAs for cell wall-related enzymes in growing ***cotton*** cells.
 AU Shimizu, Yoshinori; Ihara, Yuri; Tominaga, Rumi; Sasaki, Fukumi; Hayashi, Takahisa
 CS Lab. Gene. Expression, Wood Res. Inst., Kyoto Univ., Uji, Kyoto 611, Japan
 SO Wood Research, (Sept., 1998) Vol. 0, No. 85, pp. 59-61. print.
 ISSN: 0049-7916.
 DT Article
 LA English
 ED Entered STN: 16 Apr 1999
 Last Updated on STN: 14 May 1999

L3 ANSWER 14 OF 31 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN DUPLICATE 9
 AN 1998:28475 AGRICOLA
 DN IND20702789
 TI The differential expression of ***sucrose*** ***synthase*** in relation to diverse patterns of carbon partitioning in developing ***cotton*** seed.
 AU Ruan, Y.L.; Chourey, P.S.; Delmer, D.P.; Perez-Grau, L.
 SO Plant physiology, Oct 1997. Vol. 115, No. 2. p. 375-385
 Publisher: Rockville, MD : American Society of Plant Physiologists, 1926-
 CODEN: PLPHAY; ISSN: 0032-0889
 NTE Includes references
 CY Maryland; United States
 DT Article; Conference

FS U.S. Imprints not USDA, Experiment or Extension
 LA English

L3 ANSWER 15 OF 31 AGRICOLA Compiled and distributed by the National
 Agricultural Library of the Department of Agriculture of the United States
 of America. It contains copyrighted materials. All rights reserved.
 (2004) on STN DUPLICATE 10
 AN 1998:20189 AGRICOLA
 DN IND20622585
 TI Changes in levels of mRNAs for cell wall-related enzymes in growing
 cotton fiber cells.
 AU Shimizu, Y.; Aotsuka, S.; Hasegawa, O.; Kawada, T.; Sakuno, T.; Sakai, F.;
 Hayashi, T.
 CS Kyoto University, Kyoto, Japan.
 SO Plant and cell physiology, Mar 1997. Vol. 38, No. 3. p. 375-378
 Publisher: Kyoto, Japan : Japanese Society of Plant Physiologists.
 CODEN: PCPHA5; ISSN: 0032-0781
 NTE Includes references
 CY Japan
 DT Article
 FS Non-U.S. Imprint other than FAO
 LA English

L3 ANSWER 16 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1997:380412 BIOSIS
 DN PREV199799679615
 TI An altered mode of spatial and temporal expression of ***sucrose***
 synthase in a fiberless seed mutant of ***cotton*** .
 AU Ruan, Yong-Ling [Reprint author]; Chourey, Prem S.
 CS PMCB Program, Univ. Fla., Gainesville, FL 32611-0680, USA
 SO Plant Physiology (Rockville), (1997) Vol. 114, No. 3 SUPPL., pp. 25.
 Meeting Info.: PLANT BIOLOGY '97: 1997 Annual Meetings of the American
 Society of Plant Physiologists and the Canadian Society of Plant
 Physiologists, Japanese Society of Plant Physiologists and the Australian
 Society of Plant Physiologists. Vancouver, British Columbia, Canada.
 August 2-6, 1997.
 CODEN: PLPHAY. ISSN: 0032-0889.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 4 Sep 1997
 Last Updated on STN: 4 Sep 1997

L3 ANSWER 17 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1997:159044 CAPLUS
 TI New developments in the field of cellulose biosynthesis in plants.
 AU Delmer, D. P.
 CS Section Plant Biology, University California, Davis, CA, 95616, USA
 SO Book of Abstracts, 213th ACS National Meeting, San Francisco, April 13-17
 (1997), CELL-001 Publisher: American Chemical Society, Washington, D. C.
 CODEN: 64AOAA
 DT Conference; Meeting Abstract
 LA English

L3 ANSWER 18 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1996:358295 BIOSIS
 DN PREV199699080651

TI Biochemical and molecular level expression ***sucrose***
 synthase in ***cotton*** .
 AU Ruan, Yong-Ling [Reprint author]; Delmer, Deborah P.; Perez-Grau, Luis;
 Chourey, Prem S. [Reprint author]
 CS Univ. Florida, Gainesville, FL 32611, USA
 SO Plant Physiology (Rockville), (1996) Vol. 111, No. 2 SUPPL., pp. 123.
 Meeting Info.: Annual Meeting of the American Society of Plant
 Physiologists. San Antonio, Texas, USA. July 27-31, 1996.
 CODEN: PLPHAY. ISSN: 0032-0889.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 Conference; (Meeting Poster)
 LA English
 ED Entered STN: 5 Aug 1996
 Last Updated on STN: 6 Aug 1996

L3 ANSWER 19 OF 31 AGRICOLA Compiled and distributed by the National
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 of America. It contains copyrighted materials. All rights reserved.
 (2004) on STN DUPLICATE 11
 AN 95:61449 AGRICOLA
 DN IND20482411

TI A membrane-associated form of ***sucrose*** ***synthase*** and its
 potential role in synthesis of cellulose and callose in plants.
 AU Amor, Y.; Haigler, C.H.; Johnson, S.; Wainscott, M.; Delmer, D.P.
 CS The Hebrew University of Jerusalem, Jerusalem, Israel.
 AV DNAL (500 N21P)
 SO Proceedings of the National Academy of Sciences of the United States of
 America, Sept 26, 1995. Vol. 92, No. 20. p. 9353-9357
 Publisher: Washington, D.C. : National Academy of Sciences,
 CODEN: PNASA6; ISSN: 0027-8424
 NTE Includes references
 CY District of Columbia; United States
 DT Article; Conference
 FS U.S. Imprints not USDA, Experiment or Extension
 LA English

L3 ANSWER 20 OF 31 AGRICOLA Compiled and distributed by the National
 Agricultural Library of the Department of Agriculture of the United States
 of America. It contains copyrighted materials. All rights reserved.
 (2004) on STN DUPLICATE 12
 AN 97:33830 AGRICOLA
 DN IND20564744

TI ***Sucrose*** ***synthase*** localization during initiation of
 seed development and trichome differentiation in ***cotton*** ovules.
 AU Nolte, K.D.; Hendrix, D.L.; Radin, J.W.; Koch, K.E.
 CS University of Florida, Gainesville, FL.
 AV DNAL (450 P692)
 SO Plant physiology, Dec 1995. Vol. 109, No. 4. p. 1285-1293
 Publisher: Rockville, MD : American Society of Plant Physiologists, 1926-
 CODEN: PLPHAY; ISSN: 0032-0889
 NTE Includes references
 CY Maryland; United States
 DT Article; Conference
 FS U.S. Imprints not USDA, Experiment or Extension
 LA English

=> d 13 21-31

L3 ANSWER 21 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1995:338009 BIOSIS
DN PREV199598352309
TI Synthesis of cellulose and callose in ***cotton*** fibers via a
coupled reaction involving ***sucrose*** ***synthase***
AU Armor, Yehudit [Reprint author]; Delmer, Deborah P. [Reprint author];
Haigler, Candace H.; Johnson, Sarah; Wainscott, Melody
CS Dep. Botany, Hebrew University, Jerusalem 91904, Israel
SO Plant Physiology (Rockville), (1995) Vol. 108, No. 2 SUPPL., pp. 123.
Meeting Info.: Annual Meeting of the American Society of Plant
Physiologists. Charlotte, North Carolina, USA. July 29-August 2, 1995.
CODEN: PLPHAY. ISSN: 0032-0889.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LA English
ED Entered STN: 2 Aug 1995
Last Updated on STN: 2 Aug 1995

L3 ANSWER 22 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1995:337359 BIOSIS
DN PREV199598351659
TI The potential role of a membrane-associated form of ***sucrose***
synthase in synthesis of cellulose.
AU Delmer, Deborah P. [Reprint author]; Amor, Yehudit [Reprint author];
Haigler, Candace; Wainscott, Melody; Johnson, Sarah
CS Dep. Botany, Hebrew Univ., Jerusalem 91904, Israel
SO Plant Physiology (Rockville), (1995) Vol. 108, No. 2 SUPPL., pp. 8.
Meeting Info.: Annual Meeting of the American Society of Plant
Physiologists. Charlotte, North Carolina, USA. July 29-August 2, 1995.
CODEN: PLPHAY. ISSN: 0032-0889.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 2 Aug 1995
Last Updated on STN: 2 Aug 1995

L3 ANSWER 23 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1995:553293 CAPLUS
DN 123:5675
TI Physiological function and carbohydrate-regulated expression of
sucrose ***synthase*** in maize, citrus and ***cotton***
AU Nolte, Kurt David
CS Univ. of Florida, Gainesville, FL, USA
SO (1993) 151 pp. Avail.: Univ. Microfilms Int., Order No. DA9505809
From: Diss. Abstr. Int. B 1995, 55(10), 4213
DT Dissertation
LA English

L3 ANSWER 24 OF 31 AGRICOLA Compiled and distributed by the National
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(2004) on STN
AN 1999:36044 AGRICOLA

DN CAT10866724
TI Physiological function and carbohydrate-regulated expression of
sucrose ***synthase*** in maize, citrus and ***cotton***
AU Nolte, Kurt David
SO 1993 xi, 138 leaves : ill., photos ; 29 cm
Publisher: 1993.
NTE Typescript.
Vita.
Thesis (Ph. D.)--University of Florida, 1993.
Includes bibliographical references (leaves 122-137).
CY No place, unknown, or undetermined
DT Bibliography; Dissertation; (MONOGRAPH)
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L3 ANSWER 25 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1993:447500 BIOSIS
DN PREV199345083125
TI ***Sucrose*** ***synthase*** localization during seed and hair
development: ***Cotton*** ovules as a model system.
AU Vinci, J.; Nolte, K. D.; Koch, K. E.
CS Hortic. Sci. Dep., Univ. Florida, Gainesville, FL 32611, USA
SO Hortscience, (1993) Vol. 28, No. 5, pp. 179.
Meeting Info.: 90th Annual Meeting of the American Society for
Horticultural Science. Nashville, Tennessee, USA. July 24-29, 1993.
CODEN: HJHSAR. ISSN: 0018-5345.
DT Conference; (Meeting)
LA English
ED Entered STN: 28 Sep 1993
Last Updated on STN: 28 Sep 1993

L3 ANSWER 26 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1993:402419 BIOSIS
DN PREV199345061244
TI ***Sucrose*** ***synthase*** localization during seed and hair
development: ***Cotton*** ovules as a model system.
AU Vinci, J. [Reprint author]; Nolte, K. D. [Reprint author]; Koch, K. E.
[Reprint author]; Hendrix, D. L.; Radin, J. W.
CS Horticultural Sci. Dep., Univ. Fla., Gainesville, FL 32611, USA
SO Plant Physiology (Rockville), (1993) Vol. 102, No. 1 SUPPL., pp. 43.
Meeting Info.: Joint Annual Meeting of the American Society of Plant
Physiologists and the Canadian Society of Plant Physiologists (La Societe
Canadienne de Physiologie Vegetale). Minneapolis, Minnesota, USA. July
31-August 4, 1993.
CODEN: PLPHAY. ISSN: 0032-0889.
DT Conference; (Meeting)
LA English
ED Entered STN: 30 Aug 1993
Last Updated on STN: 28 Sep 1993

L3 ANSWER 27 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 13
AN 1991:10 BIOSIS
DN PREV199191000010; BA91:10
TI SUCROSE HYDROLYSIS IN RELATION TO DEVELOPMENT OF ***COTTON***
GOSSYPIMUM-SPP FIBERS.
AU BASRA A S [Reprint author]; SARLACH R S; NAYYAR H; MALIK C P

CS DEP BOTANY, COLL BASIC SCI HUMANITIES, PUNJAB AGRIC UNIV, LUDHIANA 141
004, INDIA
SO Indian Journal of Experimental Biology, (1990) Vol. 28, No. 10, pp.
985-988.
CODEN: IJEBA6. ISSN: 0019-5189.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 8 Dec 1990
Last Updated on STN: 9 Dec 1990

L3 ANSWER 28 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 14
AN 1990:159610 BIOSIS
DN PREV199089087028; BA89:87028
TI CARBOHYDRATES AND CARBOHYDRATE ENZYMES IN DEVELOPING ***COTTON***
OVULES.
AU HENDRIX D L [Reprint author]
CS USDA, ARS, WESTERN COTTON RES LAB, 4135 EAST BROADWAY RD, PHOENIX, ARIZ
85040, USA
SO Physiologia Plantarum, (1990) Vol. 78, No. 1, pp. 85-92.
CODEN: PHPLAI. ISSN: 0031-9317.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 27 Mar 1990
Last Updated on STN: 10 May 1990

L3 ANSWER 29 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1987:57043 BIOSIS
DN PREV198732027264; BR32:27264
TI 50. DIURNAL FLUCTUATIONS IN ***COTTON*** GOSSYPIUM-HIRSUTUM CULTIVAR
COKER-100 LEAF CARBON EXCHANGE RATE SUCROSE SYNTHESIZING ENZYMES LEAF
CARBOHYDRATE CONTENT AND CARBON EXPORT.
AU HENDRIX D L [Reprint author]; HUBER S C
CS US DEP AGRIC-AGRIC RES SERV, WESTERN COTTON RES LAB, PHOENIX, ARIZ, USA
SO Plant Biol., (1986) pp. 369-374. CRONSHAW, J., W. J. LUCAS AND R. T.
GIAQUINTA (ED.). PLANT BIOLOGY (NEW YORK), VOL. 1. PHLOEM TRANSPORT; THIRD
INTERNATIONAL CONFERENCE, PACIFIC GROVE, CALIF., USA, AUG. 18-23, 1985.
XXIX+650P. ALAN R. LISS, INC.: NEW YORK, N.Y., USA. ILLUS.
Publisher: Series: Plant Biology New York.
CODEN: PBIOEM. ISSN: 0894-4563. ISBN: 0-8451-1800-5.
DT Book
Conference; (Meeting)
FS BR
LA ENGLISH
ED Entered STN: 17 Jan 1987
Last Updated on STN: 17 Jan 1987

L3 ANSWER 30 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 15
AN 1986:362638 BIOSIS
DN PREV198682067112; BA82:67112
TI DIURNAL FLUCTUATIONS IN ***COTTON*** GOSSYPIUM-HIRSUTUM CULTIVAR COKER
100 LEAF CARBON EXPORT CARBOHYDRATE CONTENT AND SUCROSE SYNTHESIZING
ENZYMES.
AU HENDRIX D L [Reprint author]; HUBER S C

CS US DEP AGRIC, AGRIC RES SERV, WESTERN COTTON RES LAB, PHOENIX, ARIZ 85040, USA
 SO Plant Physiology (Rockville), (1986) Vol. 81, No. 2, pp. 584-586.
 CODEN: PLPHAY. ISSN: 0032-0889.
 DT Article
 FS BA
 LA ENGLISH
 ED Entered STN: 6 Sep 1986
 Last Updated on STN: 6 Sep 1986

L3 ANSWER 31 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1986:549826 CAPLUS
 DN 105:149826
 TI Diurnal fluctuations in ***cotton*** leaf carbon exchange rate,
 sucrose synthesizing enzymes, leaf carbohydrate content and carbon export
 AU Hendrix, Donald L.; Huber, Steven C.
 CS Agric. Res. Serv., US Dep. Agric., Phoenix, AZ, 85040, USA
 SO Plant Biology (New York) (1986), 1(Phloem Transp.), 369-73
 CODEN: PBIOEM; ISSN: 0894-4563
 DT Journal
 LA English

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	ENTRY	SESSION
FULL ESTIMATED COST	76.33	76.75

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